

# Perfluorovaleric acid

2706-90-3 | DTXSID6062599

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

Model Results

Predicted value: 2.88

Global applicability domain: Inside

Local applicability domain index: 4.32e-01

Confidence level: 5.53e-01

Nearest Neighbors from the Training Set

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1-Hexanol, 3,3,4,4,5,5,6,6,6-nonafluoro-

Measured: 3.30

Predicted: 3.01

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Ethyl perfluoropropionate

Measured: 2.12

Predicted: 2.04

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Perflenapent

Measured: 4.40

Predicted: 4.23

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1-Butanol, 2,2,3,3,4,4,4-heptafluoro-

Measured: 1.94

Predicted: 1.93